

## Certificate of Analysis

Date of Testing: 2024-11-20 09:51:22

Date of Next Testing: 2026-11-20 09:51:22

Product Name: **3-Bromo-2-methylpropionic Acid**

CAS Number: 56970-78-6

Specifications & Purity:  $\geq 97\%$ (GC)

Lot #: B2308236

SKU #: **B135992**

Version: **1**

Analysis #: **438738**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                           | Limit Values                                     | Result                                           |
|-------------------------------------|--------------------------------------------------|--------------------------------------------------|
| Refractive index n <sub>20</sub> /D | 1.475-1.479                                      | 1.48                                             |
| Purity(Neutralization titration)    | 97-103 (%)                                       | 98.69 %                                          |
| Density (20°C)                      | 1.588-1.593                                      | 1.59                                             |
| Purity(GC)                          | 97-100 (%)                                       | 98.23 %                                          |
| Proton NMR spectrum                 | Conforms to Structure                            | Conforms to Structure                            |
| Appearance(B135992)                 | Colorless to Light orange to Yellow clear liquid | Colorless to Light orange to Yellow clear liquid |



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